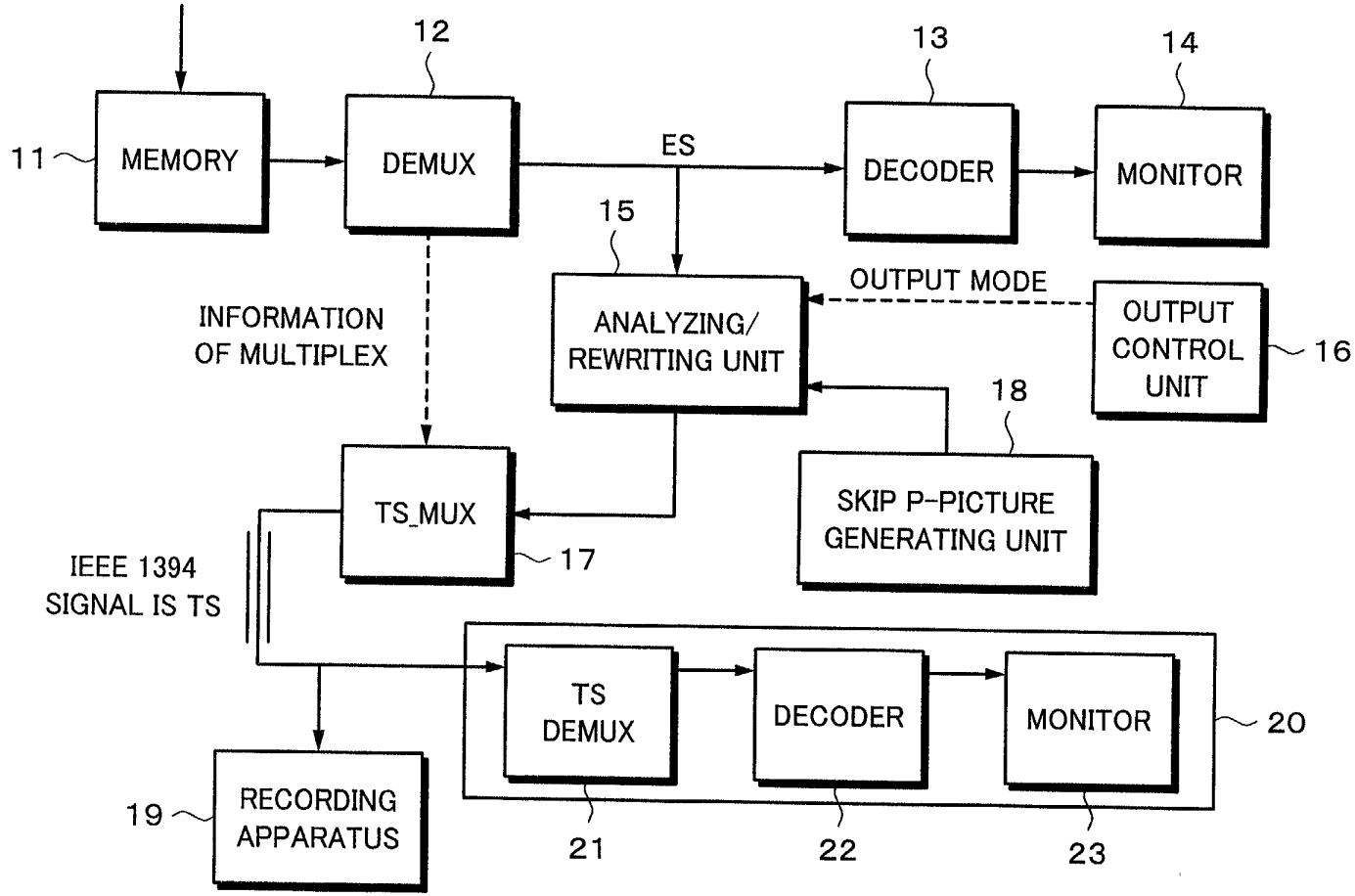
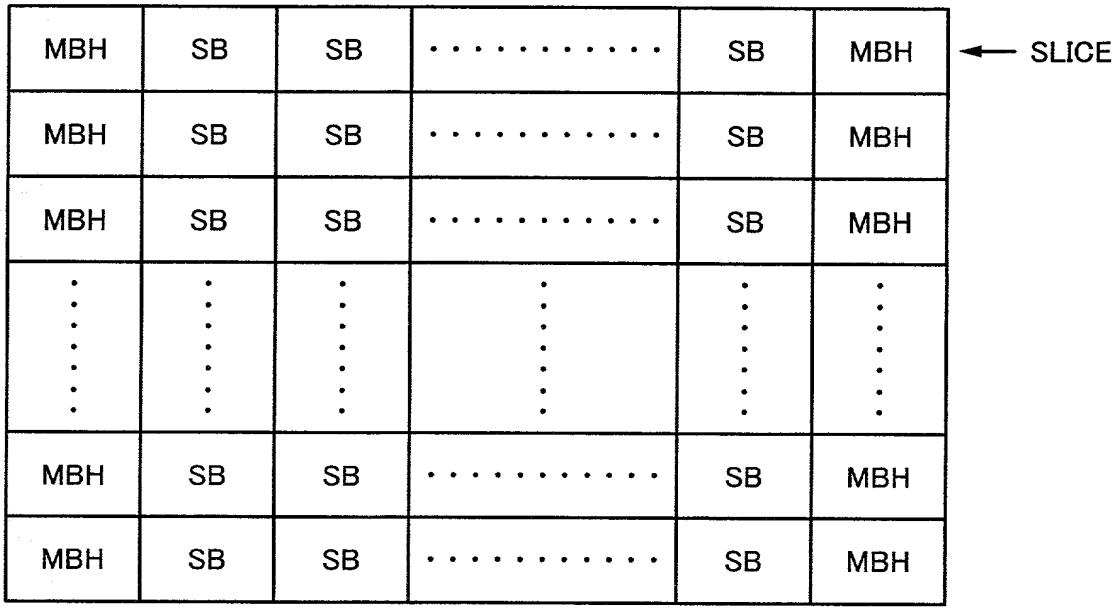
TD6280"82TE1h660

Fig. 1



JP06280*62TE4650

Fig. 2



SB ··· SKIPPED MACROBLOCK

MBH ··· MB_type IS MACROBLOCK OF MC, NotCoded

T06280 "82TE:h650

Fig. 3

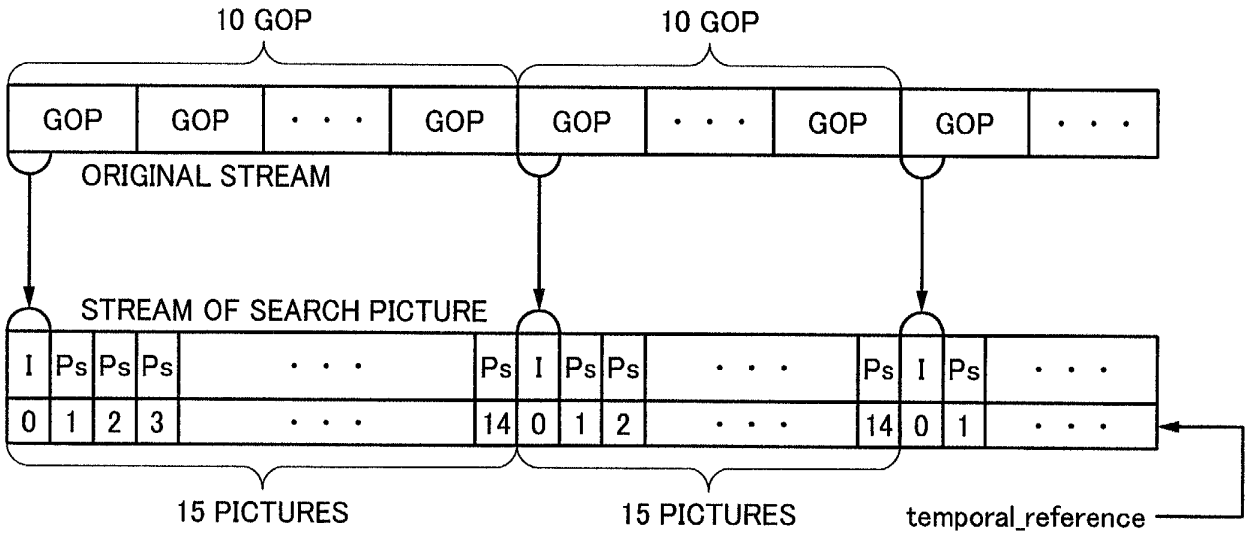


Fig. 4

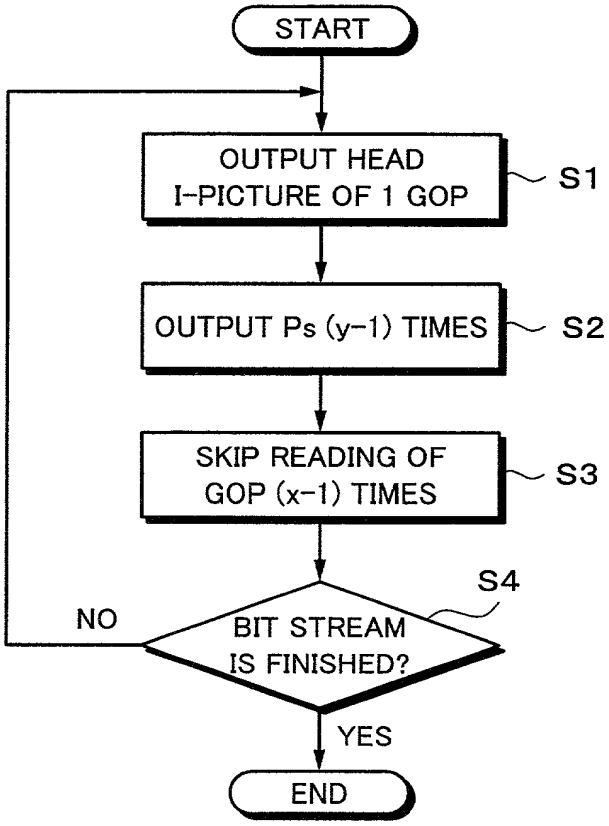

START
OUTPUT HEAD I-PICTURE OF 1 GOP
S1
OUTPUT Ps (y-1) TIMES
S2
SKIP READING OF GOP (x-1) TIMES
S3
S4
NO
BIT STREAM IS FINISHED?
YES
END

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Fig. 5A

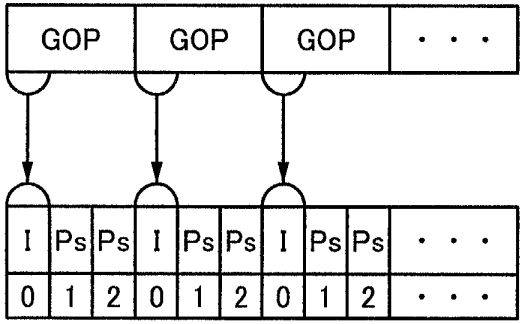
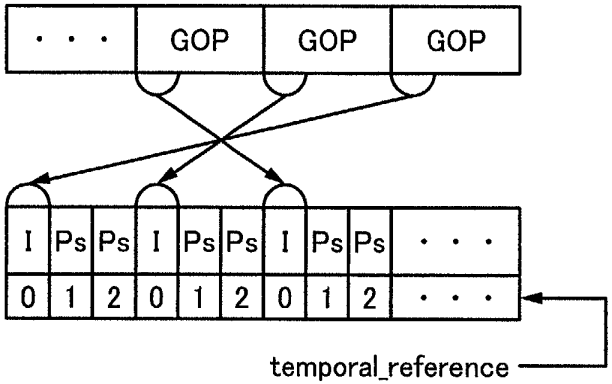
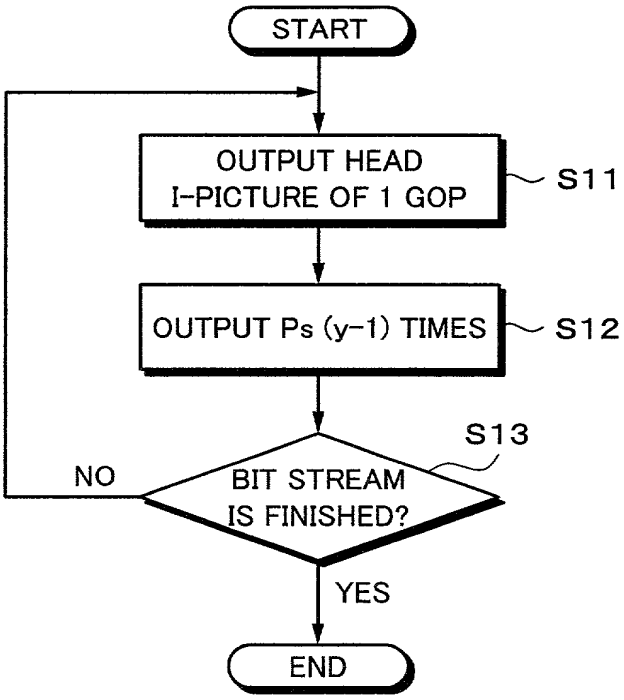


Fig. 5B



JP 2002-281506 A 2002.9.27

Fig. 6



TD6290"82TE+h660

Fig. 7

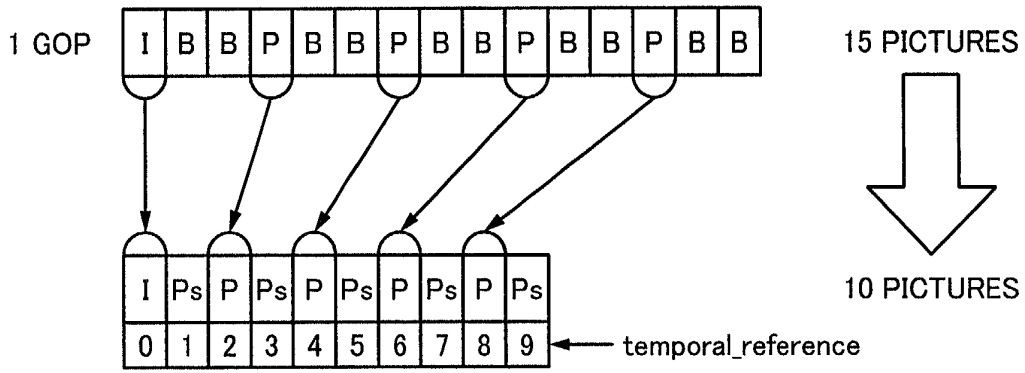


Fig. 8

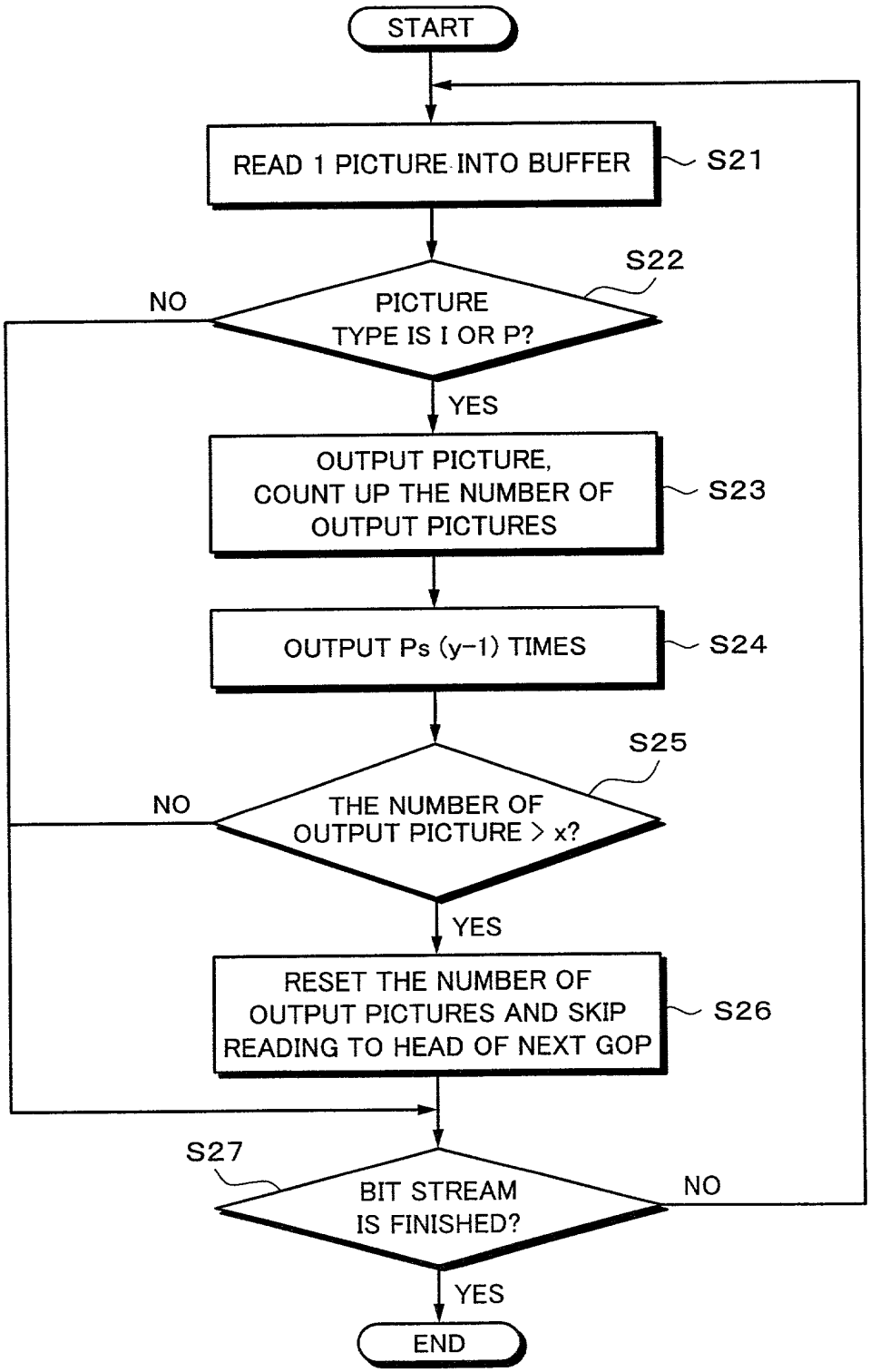

START
READ 1 PICTURE INTO BUFFER
S21
S22
PICTURE TYPE IS I OR P?
NO
YES
OUTPUT PICTURE, COUNT UP THE NUMBER OF OUTPUT PICTURES
S23
OUTPUT Ps (y-1) TIMES
S24
S25
THE NUMBER OF OUTPUT PICTURE > x?
NO
YES
RESET THE NUMBER OF OUTPUT PICTURES AND SKIP READING TO HEAD OF NEXT GOP
S26
S27
BIT STREAM IS FINISHED?
NO
YES
END

Fig. 9

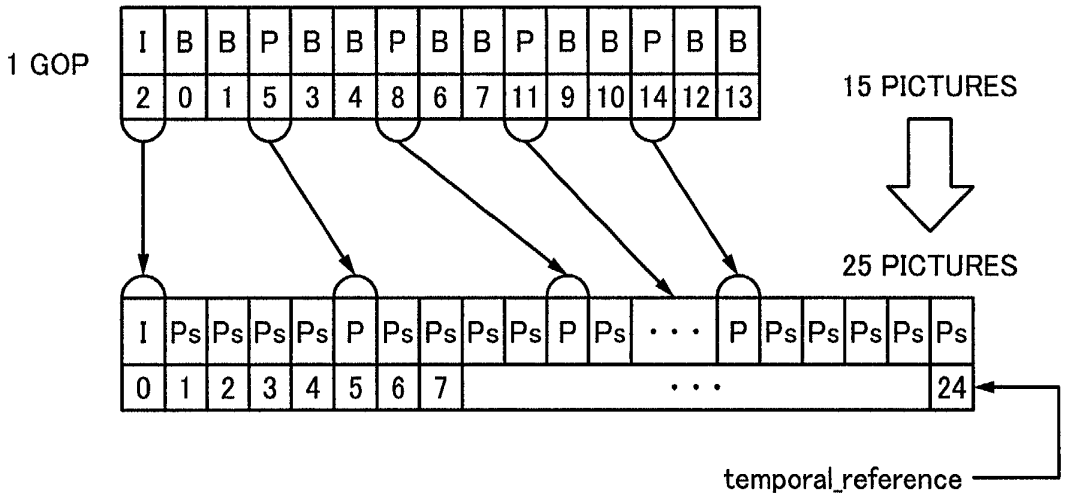
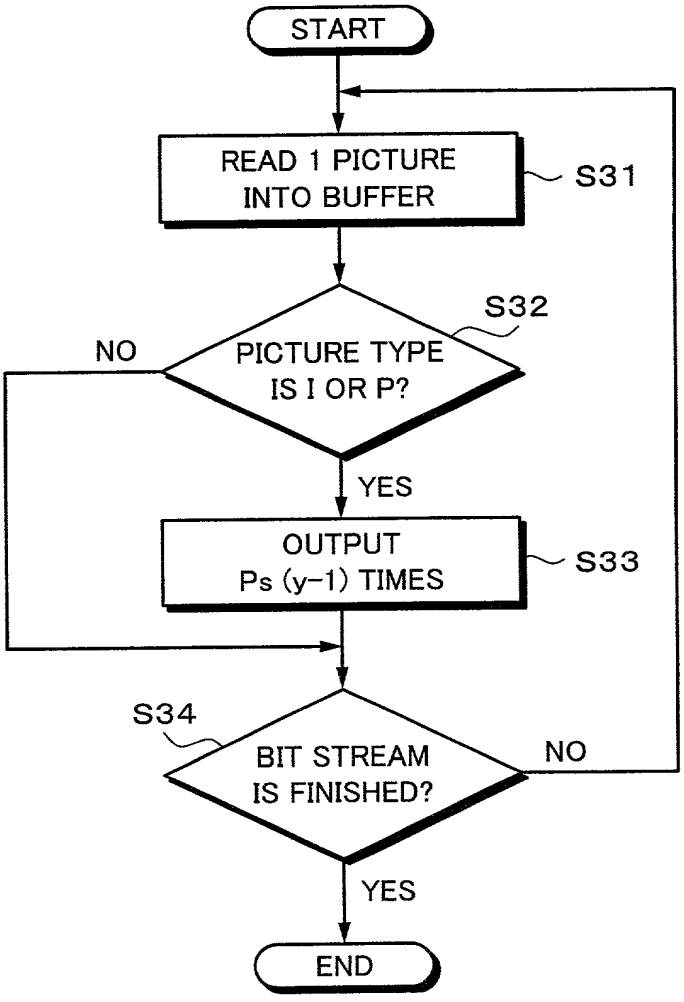

1 GOP
I B B P B B P B B P B B P B B
2 0 1 5 3 4 8 6 7 11 9 10 14 12 13
15 PICTURES
25 PICTURES
I Ps Ps Ps Ps P Ps Ps Ps Ps P Ps ・・・ P Ps Ps Ps Ps Ps
0 1 2 3 4 5 6 7 ・・・ 24
temporal_reference

Fig. 10


START
READ 1 PICTURE INTO BUFFER
S31
S32
PICTURE TYPE IS I OR P?
NO
YES
OUTPUT Ps (y-1) TIMES
S33
S34
BIT STREAM IS FINISHED?
NO
YES
END

T06280 "827E1660

Fig. 11

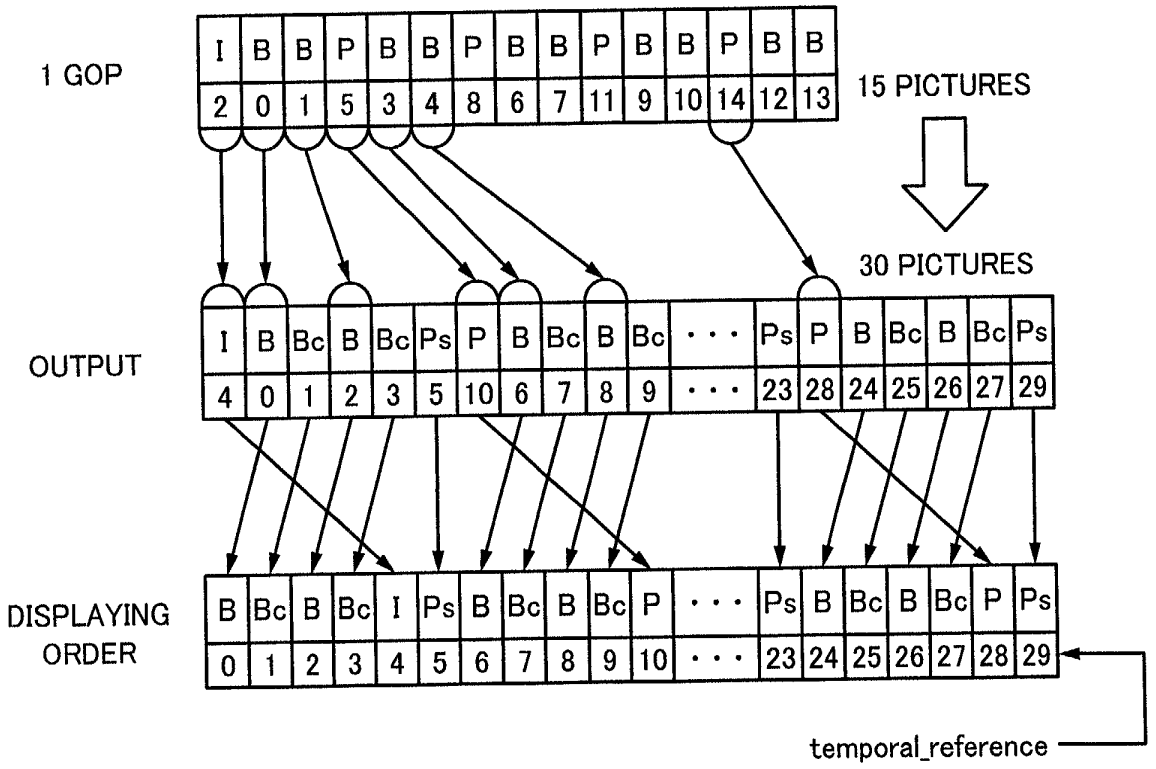
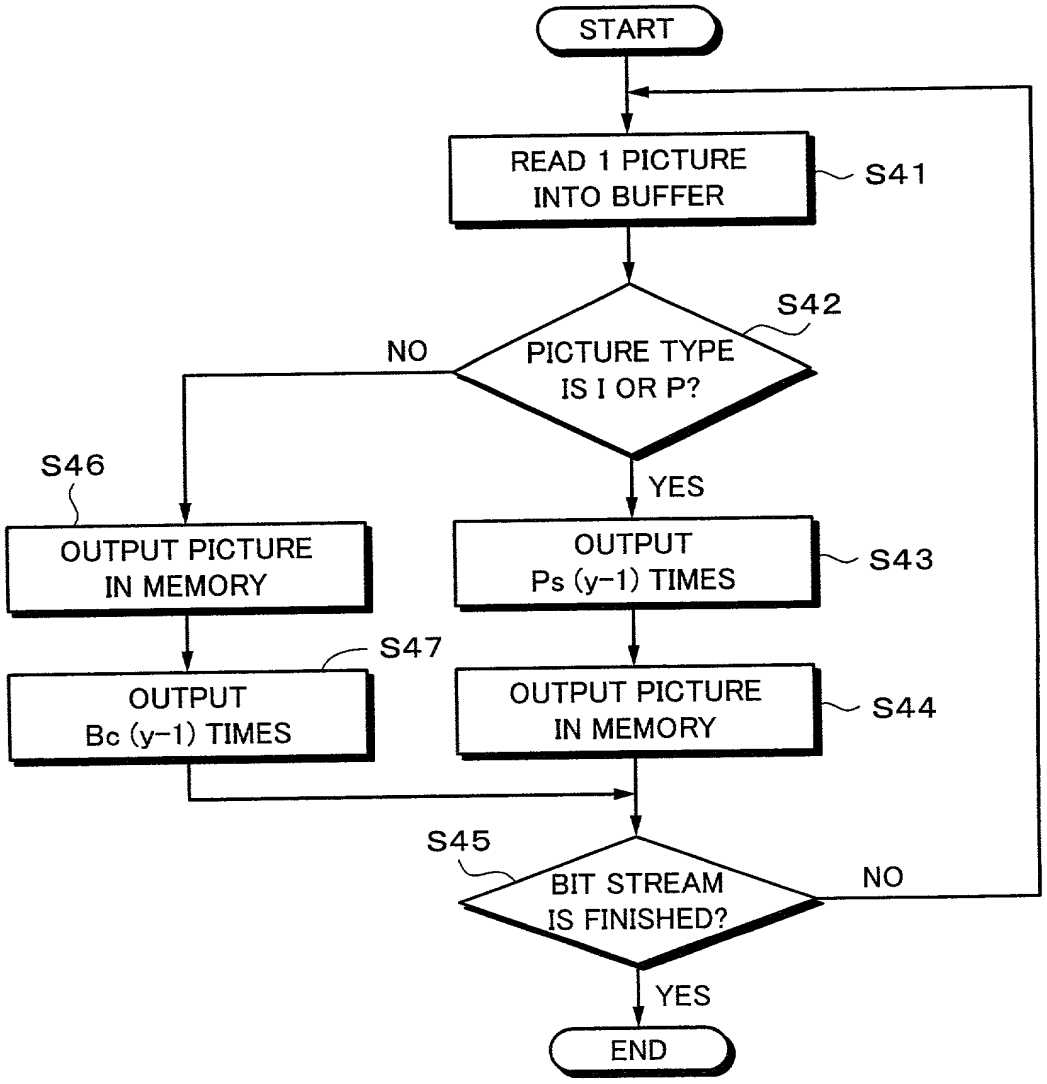


Fig. 12


START
READ 1 PICTURE INTO BUFFER
S41
PICTURE TYPE IS I OR P?
S42
NO
YES
S46
OUTPUT PICTURE IN MEMORY
OUTPUT Ps (y-1) TIMES
S43
S47
OUTPUT Bc (y-1) TIMES
OUTPUT PICTURE IN MEMORY
S44
S45
BIT STREAM IS FINISHED?
NO
YES
END

TD6280"B21Eh660

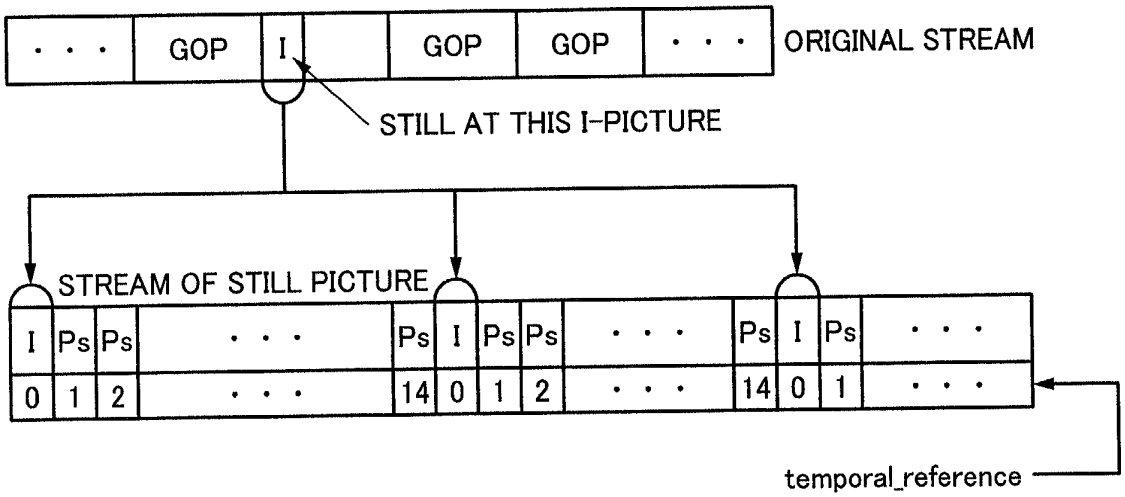



Fig. 13